

## ABSTRACT

The present invention concerns a deterministic transmission process for asynchronous data in packets, in which the data arriving in asynchronous manner is stored in batteries (11) as and when it arrives, the said process comprising the following stages:

- reception of data contained in a set of batteries in one of several packeting modules (13), start of packeting, packeting with sorting and enhancement of data, end of the packeting, and sending of the made-up packet,

- stoppage of the packet composition during realization in a packeting module (13) when a message composition module (15) needs this packet, transmission of the packet thus made up, start of the realization cycle of a new packet,

- recovery one after another of the packets thus created, in a predefined order, in the message composition module (15),

- setting the message, made up in the message composition module (15) in the electrical format in the protocol used for the transmission.

The invention also concerns a device for deterministic transmission of asynchronous data in packets.

Figure 5